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Astronomy

From ancient times, humans have tried to understand the workings of the world around them. The roots of modern physical science go back to the very earliest mechanical devices such as levers and rollers, the mixing of paints and dyes, and the importance of the heavenly bodies in early religious observance and navigation. The physical sciences as we know them today began to emerge as independent academic subjects during the early modern period, in the work of Newton and other 'natural philosophers', and numerous sub-disciplines developed during the centuries that followed. This part of the Cambridge Library Collection is devoted to landmark publications in this area which will be of interest to historians of science concerned with individual scientists, particular discoveries, and advances in scientific method, or with the establishment and development of scientific institutions around the world.

In Pursuit of a Shadow

The title page calls the author of this 1888 work 'A Lady Astronomer'. She was Elizabeth Brown (1830–99), and the shadow she was pursuing was the eclipse of the sun on 19 August 1887, which could be best observed in northern Russia. Brought up by her father to make weather observations and to use a telescope, she became a member of the Liverpool Astronomical Society – on behalf of which she undertook her Russian expedition – and was later active in founding the British Astronomical Association. (The Royal Astronomical Society did not at this point admit women.) The book describes her journey, from her arrival at Hull to meet her travelling companion, to Russia, and home again. The actual viewing of the eclipse, at Kineshma, 200 miles north-east of Moscow, was spoiled by cloud cover, but her lively and observant account of her adventures is a fascinating record by a pioneering female scientist.



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In Pursuit of a Shadow

By a Lady Astronomer

ELIZABETH BROWN





CAMBRIDGEUNIVERSITY PRESS

University Printing House, Cambridge, CB2 8BS, United Kingdom

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> www.cambridge.org Information on this title: www.cambridge.org/9781108074445

© in this compilation Cambridge University Press 2014

This edition first published 1888 This digitally printed version 2014

ISBN 978-1-108-07444-5 Paperback

This book reproduces the text of the original edition. The content and language reflect the beliefs, practices and terminology of their time, and have not been updated.

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In Pursuit of a Shadow

BY A

LADY ASTRONOMER

CHAP. I. HULL TO CHRISTIANIA.

CHAP. II. CHRISTIANIA TO STOCKHOLM.

CHAP. III. STOCKHOLM.

CHAP. IV. St. Petersburg.

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